

IN THE CLAIMS

Please cancel claims 1-9 and 11-16 and add new claims 17-19 as set forth below:

1-9. Cancelled

10. (Currently Amended) A gas turbine installation ~~according to claim 1, further comprising, in place of said water supply path, added water supply path used for recovering moisture from combustion exhaust gas having passed through said regenerator and supplying the recovered moisture~~ including an air compressor, a combustor for burning fuel together with the air discharged from said compressor, and a turbine driven by combustion gas generated by said combustor, said gas turbine installation comprising:

a spraying apparatus provided on an upstream side of said compressor for spraying water droplets to air to be supplied to said compressor;

a water adding apparatus provided in a first path leading said compressed air discharged from said compressor to said combustor for adding water to said compressed air flowing in said first path;

a heat exchanger provided in said first path on a downstream side of said water adding apparatus for heating the

compressed air passed through said water adding apparatus by exhaust gas discharged from the gas turbine;

a water recovery apparatus for recovering moisture from exhaust gas having passed through said heat exchanger;

a second water supply path for supplying water recovered by said water recovery apparatus to said water adding apparatus; and

a spray water supply path through which spray water is led from an external source outside the system ~~in~~ to said spraying apparatus.

11-16. Cancelled

17. (New) A gas turbine installation including an air compressor, a combustor for burning fuel together with the air discharged from said compressor, and a turbine driven by combustion gas generated by said combustor, said gas turbine installation comprising:

a spraying apparatus provided on an upstream side of said compressor for spraying water droplets to air to be supplied to said compressor;

a water adding apparatus provided in a first path leading said compressed air discharged from said compressor to said

combustor for adding water to said compressed air flowing in said first path;

a regenerator for heat-exchanging between the compressed air passed through said water adding apparatus and exhaust gas discharged from the gas turbine;

a water recovery apparatus for recovering moisture from exhaust gas having passed through said regenerator;

a second water supply path for supplying water recovered by said water recovery apparatus to said water adding apparatus; and

a spray water supply path through which spray water is led from an external source outside the system to said spraying apparatus.

18. (New) An efficiency increasing apparatus, provided in a gas turbine installation, for recovering thermal energy of gas turbine exhaust gas, thereby improving power generating efficiency, said gas turbine installation including a compressor for compressing air, a combustor for burning fuel together with the air discharged from said compressor, and a turbine driven by combustion gas generated by said combustor;

said efficiency increasing apparatus comprising;

a spraying apparatus provided on an upstream side of said compressor for spraying water droplets to air to be supplied to said compressor;

a water adding apparatus provided in a first path leading said compressed air discharged from said compressor to said combustor for adding water to said compressed air flowing in said first path;

a heat exchanger provided in said first path on a downstream side of said water adding apparatus for heating the compressed air passed through said water adding apparatus by exhaust gas discharged from the gas turbine;

a water recovery apparatus for recovering moisture from exhaust gas having passed through said heat exchanger;

a second water supply path for supplying water recovered by said water recovery apparatus to said water adding apparatus; and

a spray water supply path through which spray water is led from an external source outside the system to said spraying apparatus.

19. (New) An efficiency increasing apparatus, provided in a gas turbine installation, for recovering thermal energy of gas

turbine exhaust gas, thereby improving power generating efficiency, said gas turbine installation including a compressor for compressing air, a combustor for burning fuel together with the air discharged from said compressor, and a turbine driven by combustion gas generated by said combustor;

said efficiency increasing apparatus comprising;

a spraying apparatus provided on an upstream side of said compressor for spraying water droplets to air to be supplied to said compressor;

a water adding apparatus provided in a first path leading said compressed air discharged from said compressor to said combustor for adding water to said compressed air flowing in said first path;

a regenerator for heat-exchanging between the compressed air passed through said water adding apparatus and exhaust gas discharged from the gas turbine;

a water recovery apparatus for recovering moisture from exhaust gas having passed through said regenerator;

a second water supply path for supplying water recovered by said water recovery apparatus to said water adding apparatus; and

a spray water supply path through which spray water is led from an external source outside the system to said spraying apparatus.